



ALTAEROS



Position: Principal Electrical Engineer (full time, immediate)
Location: Somerville, MA (next to Boston, Cambridge)
Contact: altaeros.jobs@altaeros.com

Rapidly Expanding High-Speed, Affordable Connectivity to Rural Communities Globally

At Altaeros we believe everyone should have access to the basic building blocks that allow a fulfilling, prosperous life, whether they live in a megacity or in the most rural of villages. We also believe in the power of innovation to make this a reality. Our SuperTower uses the world's first autonomous aerostat platform to permanently deploy high-speed mobile broadband in rural markets at a fraction of the cost of alternatives. With this new class of communication infrastructure, we aim to help hundreds of millions of people get online for the first time, unlocking untold new opportunities.

The Principal Electrical Engineer will balance technical contributions and managerial oversight in a fast-paced, dynamic work environment. They will lead in-house design, analysis, component selection and testing of electrical systems on one or more major design efforts. Our products have a number of unique requirements and challenges, including weight and reliability optimization, environmental hardening and custom form factors that require innovative solutions. The Principal Electrical Engineer should be highly creative with exceptional hands-on electrical design skills, as well as strong organizational and leadership capabilities. They will be expected to jump into a highly complex, multi-disciplinary project and quickly come up to speed to begin driving decisions and adding value. Compensation includes salary, equity, and benefits.

If interested, please submit your resume and cover letter with the subject "Principal Electrical Engineer – Applicant Name" to altaeros.jobs@altaeros.com.

Within your first 6 months you will:

- Provide technical oversight and mentorship to a growing electrical engineering team
- Define electrical requirements and specifications, evaluate electrical system risks and opportunities for improvements, and drive feasibility studies
- Create electrical system architectures for future product variants
- Lead multiple electrical design efforts, including light-weighting of airborne electrical systems, DFM, DFA
- Generate design documents and BOMs for electrical systems and identify and interface with vendors

Qualifications:

- BS or higher in Electrical Engineering; 12+ yrs of EE experience; 4+ yrs with direct reports
- Exceptional industry knowledge and engineering intuition, and familiarity with electrical design tools
- Strong management and leadership skills working with a multitude of backgrounds and experience levels
- Familiarity with industrial electrical control cabinets, motor drives, and industrial and commercial best practices
- Experience with PLCs and I/O, including custom boards
- Knowledge of medium voltage systems and/or aerospace electrical systems is a plus
- Strong drive, initiative, organizational & communication skills
- "Startup Attitude": Quick learner, passionate, nimble & adaptable